



Gateway MA6 Laptop Cooling Assembly Replacement

Access the cooling assembly on your laptop to prevent overheating due to a a dirty or faulty fan.

Written By: Chris Naughton



INTRODUCTION

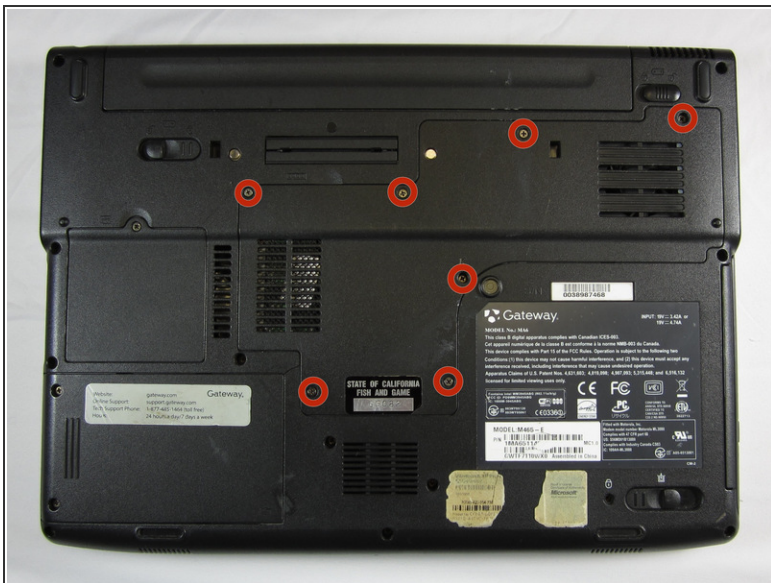
The cooling assembly is made up of a cooling fan and a large piece of copper to help dissipate heat out of the bottom of your laptop. Over time, the fan can wear out and it will need to be replaced.



TOOLS:

- [Phillips #0 Screwdriver](#) (1)
-

Step 1 — Cooling Assembly



- Loosen the seven 6 mm Phillips #0 screws on the back of the case.

i Leave all the screws in the back plate and so you don't lose them.

Step 2



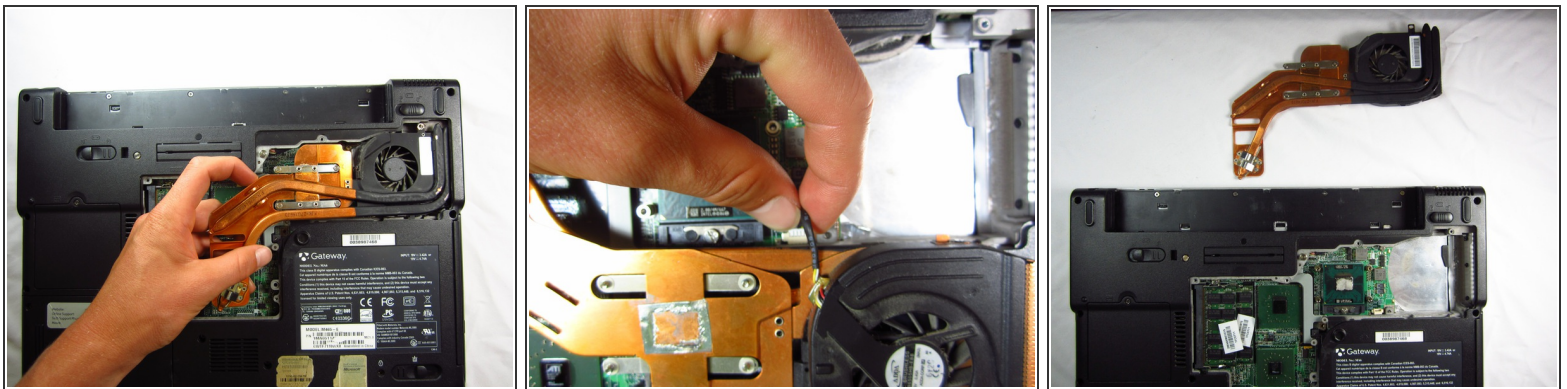
- Pull upwards on the top of the back cover to remove it.


Step 3




- Remove the four 9 mm Phillips #0 screws from the cooling assembly.

Step 4



 Gently and carefully remove the cooling assembly to avoid ripping the wire attaching it to the computer.

- Gently flip the cooling fan assembly upside-down on the computer surface.
- Carefully grab the wire attached to the computer and pull away from the port.

 The cooling fan is now safe for removal.

Step 5



- When reinstalling heat sink and fans clean off the old thermal paste from both the heat sink and the CPU and then add new paste to CPU
- ❗ If your unfamiliar with applying thermal paste [How to Apply Thermal Paste](#)

To reassemble your device, follow these instructions in reverse order.

This document was last generated on 2017-06-29 11:56:55 AM.